

TSG GERAN Report to TSG-SA#10

TSG-GERAN Convenor
Niels Peter Skov Andersen
Motorola

Tdoc SP-000610

TSG GERAN work area (1/2)

TSG GERAN
TSG SA#10

TSG GSM/EDGE Radio Access Network (TSG-GERAN)

- GERAN Radio aspects, and interfaces
- RF aspects of GERAN
- Specifications for GERAN radio performance and RF system aspects
- GERAN Radio Layer 1 specification
- GERAN Radio Layer 2 specification
- GERAN Radio Layer 3 RR specification

TSG GERAN work area (2/2)

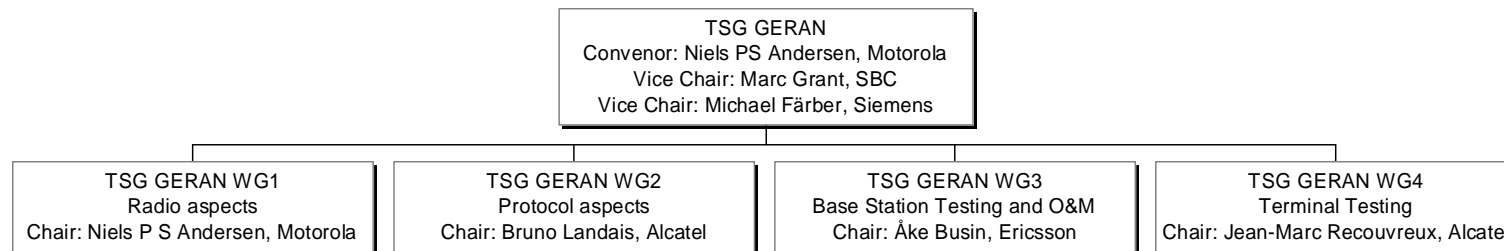
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- A interface specification, Gb interface specification
- Internal GERAN interface specifications such as Abis, and Ater (CCU-TRAU)
- Conformance test specifications for testing of all aspects of GERAN base stations
- Conformance test specifications for testing of all aspects of GERAN terminals
- GERAN specific O&M specifications for the nodes in the GERAN

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Organisation of TSG GERAN (1/3)

TSG GERAN
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Organisation of TSG GERAN (2/3)

TSG GERAN
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TSG GERAN WG1 – Radio Aspects

Chairman: Niels Peter Skov Andersen, Motorola

- RF aspects of GERAN
- GERAN radio performance and RF system aspects
- Ater (CCU-TRAU)

TSG GERAN WG2 – Protocol Aspects

Chairman: Bruno Landais, Alcatel

- GERAN Radio Layer 2 specification
- GERAN Radio Layer 3 RR specification
- A interface specification, Gb interface specification
- Internal GERAN interface specifications such as Abis

Organisation of TSG GERAN (3/3)

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TSG GERAN WG3 – Base Station Testing and O&M

Chairman: Åke Busin, Ericsson

- Conformance test specifications for testing of all aspects of GERAN base stations
- GERAN specific O&M specifications for the nodes in the GERAN

TSG GERAN WG4 – Terminal Testing

Chairman: Jean-Marc Recouvreux, Alcatel

- Conformance test specifications for testing of all aspects of GERAN terminals

Current work areas

Workplan elaborated (see attachment)

More than 30 Work Items adopted covering

- GERAN/UTRAN interface evolution 1 (Iu_{ps}) (F)
- GERAN/UTRAN interface evolution 2 (Iu_{cs}) (F)
- Low chip rate TDD interworking with GERAN (B)
- GERAN improvements 1 (Gb over Ip) (F)
- GERAN improvements 2 (Gb enhancements) (F)
- GERAN radio interface evolution (F)
- 700 MHz spectrum support (F)
- Support of WB AMR in GERAN incl. testing (3 B)
- Location Services in GERAN incl testing (5B)

Highlights from 2nd meeting (1/3)

- GSM – 3G interworking reviewed again and few clarifications agreed. Is considered stable
 - TSG GERAN specifies GSM part
 - TSG RAN specifies 3G part
- DTM (Dual Transfer Mode) completed including EGPRS support (Rel 99). Concept document issued as report – TR 03.55 Dual Transfer Mode Stage 2 (R99)
- EDGE Release 99 stable only minor corrections
- Support of GSM in 700 MHz band –expected completion January 2001
- Specifications to make GSM in 400 MHz bands release independent completed – TS 05.14 R97, R98
- Some concern on overhead of integrity protection of messages and feasibility of implementation hereof

Highlights from 2nd meeting (2/3)

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- For GPRS R97, R98 and R99 a problem regarding contention resolution was identified.
 - An additional ad-hoc meeting have been held in order to resolve the problem as quickly as possible
 - A preliminary agreement on a solution was made at the ad-hoc and will be handled at TSG GERAN #03
 - The main open issue remaining is, that in case of networks not utilising ciphering for GPRS the Mobile station might during contention resolution react to PACKET DOWNLINK ASSIGNMENT or PACKET TIMESLOT RECONFIGURE messages intended to another mobile station. Fixing this will require retrofitting of Mobile stations.
- Other areas in GERAN of GPRS are stable for R97/R98/R99

Highlights from 2nd meeting (3/3)

- Concern about the complexity and potential undiscovered errors in the RATSCCH – S4 indicated need for RATSCCH for TFO.
- AMR adaptation requirements clarified in GSM 05.09 (R98 & R99)
- Work on LCS in GERAN well underway with specific drafting sessions scheduled – LCS for PS is new relative to Rel 99
- Study is ongoing on potential problems reported with LCS Layer 3 signalling introduced in R98 and R99 to allow pre-emption of LCS messages by RR messages

List of Change Request and their status attached

TSG GERAN relation to TSG T (1/2)

TSG GERAN
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- TSG GERAN WG4 responsible for Access Stratum (AS) related to GERAN
- TSG T WG1 responsible for Access Stratum (AS) related to UTRAN
- Dual mode testing split following the core specifications
 - TSG GERAN WG4 responsible for GSM to 3G HO/Cell selection
 - TSG T WG1 responsible for 3G to GSM HO/Cell selection
- Split is now implemented as above except for Cell selection/re-selection, for which test cases still are in a TSG T WG1 specification

TSG GERAN relation to TSG T (2/2)

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Situation for Non Access Stratum

- Part of Non Access Stratum test dependent on access network, e.g., Mobility Management
- Part of Access Stratum common core specifications, but separate test cases
- TTCN test cases developed by TSG T can theoretically cover both GSM and 3G, however if adopted today no verified test cases would exist for GSM Release 99
- The GSM TTCN cases do not have a clear separation between AS and NAS – Therefore AS TTCN cases needs reworking to have common NAS test cases

TSG GERAN will have to consider the full consequences of any change on availability of single mode GSM tests

Specification and version numbering

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- Old specification numbers and version numbers are kept for Phase 1, Phase 2, Release 96, Release 97, Release 98, and Release 99
- For Releases after Release 99 specification numbering to follow 3GPP format xx.yyy and version number aligned with other TSGs, e.g next release will be version 4.x.y.
- New specification numbers to be derived from the old specification number
$$ab.cd \Rightarrow (40+ab).0cd$$

e.g

$$05.08 \Rightarrow 45.008$$

Future TSG GERAN Plenary meetings

TSG GERAN
TSG SA#10

TSG GERAN #03	15 - 19 January 2001, Boston, USA
TSG GERAN #04	2 - 6 April 2001, France
TSG GERAN #05	28 May - 1 June 2001, USA
TSG GERAN #06	27 - 31 August 2001, ?
TSG GERAN #07	26 - 30 November 2001, ?

3GPP TSG GERAN
Meeting no 2
Norrtälje, Sweden
6 – 10 November 2000

List of CR status for GERAN #02

Tdoc	Title	Source	Status
GP-000605	CR 03.64-A076 NACC	Ericsson	Postponed
GP-000520	CR 04.18-A153 Clarification of downlink bit (R99)	Siemens	Approved
GP-000537	CR 04.18-A154 Correction of send sequence number handling (R99)	Siemens	Approved
GP-000553	CR 04.18-A155 Second Part Packet Assignment in IA Rest octet (R99)	Alcatel	Approved
GP-000620	CR 04.18-A156 DTM: Packet Notification (R99)	Ericsson	Withdrawn
GP-000622	CR 04.18-A157 DTM: RR interaction with the datalink layer (R99)	Ericsson	Approved
GP-000624	CR 04.18-A158 DTM: DTM Reject with wait indication (R99)	Ericsson	Approved
GP-000626	CR 04.18-A159 DTM: Corrections to the abnormal cases (R99)	Ericsson	Revised
GP-000787	CR 04.18-A159 rev 1 DTM: Corrections to the abnormal cases (R99)	Ericsson	Revised
GP-000795	CR 04.18-A159 rev 2 DTM: Corrections to the abnormal cases (R99)	Ericsson	Approved
GP-000628	CR 04.18-A160 DTM: RR reallocation during packet access (R99)	Ericsson	Revised
GP-000789	CR 04.18-A160 rev 1 DTM: RR reallocation during packet access (R99)	Ericsson	Revised
GP-000797	CR 04.18-A160 rev 2 DTM: RR reallocation during packet access (R99)	Ericsson	Approved
GP-000644	CR 04.18-A161 Enable several instances of SI18 and SI20 (R99)	Ericsson	Approved
GP-000646	CR 04.18-A162 Inclusion of Cell Bar Qualify 2 in the neighbour cell descriptions in SI19 (R99)	Ericsson	Approved
GP-000581	CR 04.18-A163 Editorials and corrections to GSM-UTRAN interworking (R99)	Ericsson, Vodafone	Revised

Tdoc	Title	Source	Status
GP-000781	CR 04.18-A163 rev 1 Editorials and corrections to GSM-UTRAN interworking (R99)	Vodafone, Ericsson	Revised
GP-000823	CR 04.18-A163 rev 2 Editorials and corrections to GSM-UTRAN interworking (R99)	Vodafone, Ericsson	Approved
GP-000688	CR 04.18-A164 UTRAN Classmark Change : CSN1 corrections (R99)	Vodafone	Approved
GP-000690	CR 04.18-A165 3G Information : change from PSI3bis into PSI3ter (R99) WITHDRAWN	Vodafone	Withdrawn
GP-000694	CR 04.18-A166 Providing UE Capability and Security information to the BSC (R99)	Vodafone	Withdrawn
GP-000696	CR 04.18-A167 3G Cell Reselection list (R99)	Vodafone	Revised
GP-000838	CR 04.18-A167 rev 1 3G Cell Reselection list (R99)	Vodafone	Approved
GP-000699	CR 04.18-A168 Handover to UMTS procedure, abnormal cases. MS Behaviour (R99)	Vodafone	Revised
GP-000826	CR 04.18-A168 rev 1 Handover to UMTS procedure, abnormal cases. MS Behaviour (R99)	Vodafone	Approved
GP-000701	CR 04.18-A169 Indication of availability of UTRAN preconfigurations from the GSM BCCH (R99)	Vodafone	Revised
GP-000777	CR 04.18-A169 rev 1 Indication of availability of UTRAN preconfigurations from the GSM BCCH (R99)	Vodafone	Approved
GP-000631	CR 04.18-A171 to reword § 3.4.12: This paragraph concerns MS in dedicated mode or in transmit mode the reading of PCH in group transmit mode is optional (GSM 03.68, v7.0.0 §11.3.1.3.c) (R99)	SAGEM	Approved
GP-000730	CR 04.18-A172 RAB pre-configuration changes (R99)	Ericsson	Withdrawn
GP-000736	CR 04.18-A173 Editorial corrections (R99)	Nokia	Approved
GP-000738	CR 04.18-A174 Cipher mode setting in HO command (R99)	Nokia	Approved
GP-000749	CR 04.18-A175: DTM: Alignment of the intersystem handover procedure (R99)	Vodafone	Approved
GP-000751	CR 04.18-A176: Delivering UMTS frequency information to MSs not supporting CS services (R99)	Vodafone	Withdrawn
GP-000755	CR 04.18-A177 Deletion of the UE RAB pre-configuration message (R99)	Vodafone	Revised
GP-000779	CR 04.18-A177 rev 1 Deletion of the UE RAB pre-configuration message (R99)	Vodafone, Ericsson	Approved
GP-000771	CR 04.18-A178 Multiblock allocation (R99)	Nokia	Rejected

Tdoc	Title	Source	Status
GP-000784	CR 04.18-A179 Introduction of UMTS PLMN Id in the pre-configuration indication set (R99)	Vodafone	Withdrawn
GP-000822	CR 04.18-A180 Support for interworking with 1.28 Mcps TDD cells (R99)	Siemens	Approved
GP-000558	CR 04.31-A015 Corrections to RRLP specification (R98)	Nokia	Revised
GP-000814	CR 04.31-A015 rev 1 Corrections to RRLP specification (R98)	Nokia	Approved
GP-000559	CR 04.31-A016 Corrections to RRLP specification (R99)	Nokia	Revised
GP-000815	CR 04.31-A016 rev 1 Corrections to RRLP specification (R99)	Nokia	Approved
GP-000720	CR 04.31-A017 Correction of E-OTD Measurement Quality Indications (R98)	Motorola	Revised
GP-000833	CR 04.31-A017 rev 1 Correction of E-OTD Measurement Quality Indications (R98)	Motorola	Approved
GP-000721	CR 04.31-A018 Correction of E-OTD Measurement Quality Indications (R99)	Motorola	Revised
GP-000834	CR 04.31-A018 rev 1 Correction of E-OTD Measurement Quality Indications (R99)	Motorola	Approved
GP-000636	CR 04.60-A900 rev 1 Clarification of assembling convention for RLC/MAC control blocks (R99)	Ericsson	Revised
GP-000811	CR 04.60-A900 rev 2 Clarification of assembling convention for RLC/MAC control blocks (R99)	Ericsson	Approved
GP-000522	CR 04.60-A901 Clarification to Additional PSI messages struct in PSI2	Nokia	Approved
GP-000518	CR 04.60-A902 Octet Alignment of RLC data octets (R99) Withdrawn	Siemens	Withdrawn
GP-000519	CR 04.60-A903 GLOBAL_TFI in Packet PSI Status message (R99)	Siemens	Revised
GP-000791	CR 04.60-A903 rev 1 GLOBAL_TFI in Packet PSI Status message (R99)	Siemens	Revised
GP-000895	CR 04.60-A903 rev 2 GLOBAL_TFI in Packet PSI Status message (R99)	Siemens	Approved
GP-000545	CR 04.60-A904 EGPRS editorial clarifications (R99)	Motorola	Approved
GP-000546	CR 04.60-A905 Addition of a NIB flag for COMPACT TBF allocation (R99)	Motorola	Rejected
GP-000552	CR 04.60-A906 PSI3 Change Mark in Packet Measurement Report message (R99)	Alcatel	Withdrawn

Tdoc	Title	Source	Status
GP-000555	CR 04.60-A907 MS handling of control message not addressed to it (R99)	Alcatel	Approved
GP-000614	CR 04.60-A908 Correction on polling mechanism for Packet Control Acknowledgement (R99)	Ericsson, Nokia	Revised
GP-000794	CR 04.60-A908 rev 1 Correction on polling mechanism for Packet Control Acknowledgement (R99)	Ericsson, Nokia	Approved
GP-000615	CR 04.60-A909 Editorial corrections on countdown and abnormal case (R99)	Nokia	Approved
GP-000616	CR 04.60-A910 Measurement reporting in Packet Cell Change Failure (R99)	Nokia	Withdrawn
GP-000634	CR 04.60-A911 Clarification of assembling convention for RLC/MAC control blocks (R97)	Ericsson	Revised
GP-000799	CR 04.60-A911 rev 1 Clarification of assembling convention for RLC/MAC control blocks (R97)	Ericsson	Approved
GP-000635	CR 04.60-A912 Clarification of assembling convention for RLC/MAC control blocks (R98)	Ericsson	Revised
GP-000810	CR 04.60-A912 rev 1 Clarification of assembling convention for RLC/MAC control blocks (R98)	Ericsson	Approved
GP-000639	CR 04.60-A913 Clarifications related to one-phase contention resolution (R97)	Ericsson	Revised
GP-000892	CR 04.60-A913 rev 1 Clarifications related to one-phase contention resolution (R97)	Ericsson	Rejected
GP-000922	CR 04.60-A913 rev 2 Clarifications related to one-phase contention resolution (R97)	Ericsson	Rejected
GP-000640	CR 04.60-A914 Clarifications related to one-phase contention resolution (R98)	Ericsson	Revised
GP-000893	CR 04.60-A914 rev 1 Clarifications related to one-phase contention resolution (R98)	Ericsson	Rejected
GP-000923	CR 04.60-A914 rev 2 Clarifications related to one-phase contention resolution (R98)	Ericsson	Rejected
GP-000641	CR 04.60-A915 Clarifications related to one-phase contention resolution (R99)	Ericsson	Revised
GP-000894	CR 04.60-A915 rev 1 Clarifications related to one-phase contention resolution (R99)	Ericsson	Rejected
GP-000924	CR 04.60-A915 rev 2 Clarifications related to one-phase contention resolution (R99)	Ericsson	Rejected

Tdoc	Title	Source	Status
GP-000642	CR 04.60-A916 DTM: Correction of Packet Flow Context Procedures for exclusive allocation (R99)	Ericsson	Approved
GP-000643	CR 04.60-A917 Description of ACCESS_BURST_TYPE parameter (R99)	Ericsson	Approved
GP-000648	CR 04.60-A918 Correction of PSI6 / PSI7 (R99)	Ericsson	Approved
GP-000653	CR 04.60-A919 EGPRS clarification on RLC block retransmission (R99)	Motorola	Revised
GP-000896	CR 04.60-A919 rev 1 EGPRS clarification on RLC block retransmission (R99)	Motorola	Approved
GP-000562	CR 04.60-A920 Alignment of EGPRS quality parameter names with 05.08 (R99)	Ericsson	Approved
GP-000563	CR 04.60-A921 Measurements and PACCH monitoring for fixed allocation (R99)	Ericsson	Approved
GP-000564	CR 04.60-A922 Clarification of polling response transmission (R99)	Ericsson	Revised
GP-000792	CR 04.60-A922 rev 1 Clarification of polling response transmission (R99)	Ericsson	Approved
GP-000569	CR 04.60-A923 Clarification of mapping of PDTCH and PCCCH (R99)	Ericsson	Approved
GP-000583	CR 04.60-A924 Editorials and corrections to GSM-UTRAN interworking (R99)	Ericsson, Vodafone	Revised
GP-000783	CR 04.60-A924 rev 1 Editorials and corrections to GSM-UTRAN interworking (R99)	Vodafone, Ericsson	Revised
GP-000825	CR 04.60-A924 rev 2 Editorials and corrections to GSM-UTRAN interworking (R99)	Vodafone, Ericsson	Revised
GP-000891	CR 04.60-A924 rev 3 Editorials and corrections to GSM-UTRAN interworking (R99)	Vodafone, Ericsson	Revised
GP-000898	CR 04.60-A924 rev 4 Editorials and corrections to GSM-UTRAN interworking (R99)	Vodafone, Ericsson	Approved
GP-000606	CR 04.60-A925 NACC	Ericsson	Postponed
GP-000693	CR 04.60-A926 Providing UE Capability and Security information to the BSC (R99)	Vodafone	Withdrawn
GP-000698	CR 04.60-A927 Network commanded Cell Change order to 3G : Alignment Packet Idle mode/ Packet Transfer mode (R99)	Vodafone	Approved
GP-000703	CR 04.60-A928 Indication of availability of UTRAN preconfigurations from the PBCCH (R99)	Vodafone	Withdrawn

Tdoc	Title	Source	Status
GP-000704	CR 04.60-A929 Delivering UMTS frequency information to Mobile Stations not supporting CS services (R99)	Vodafone	Withdrawn
GP-000652	CR 04.60-A941 Default parameter values in Packet Measurement Order (R99)	Ericsson	Approved
GP-000740	CR 04.60-A943 Alignment of abnormal cases (R99) Withdrawn	Nokia	Withdrawn
GP-000741	CR 04.60-A944 Bitmap generation (R99)	Nokia	Approved
GP-000742	CR 04.60-A945 Multiblock allocation (R99)	Nokia	Rejected
GP-000743	CR 04.60-A946 RLC receive window (R99)	Nokia	Withdrawn
GP-000744	CR 04.60-A947 RLC window size for EGPRS (R99)	Nokia	Revised
GP-000897	CR 04.60-A947 rev 1 RLC window size for EGPRS (R99)	Nokia	Approved
GP-000748	CR 04.60-A948 Change from PSI3bis into PSI3ter for the 3G Information	Vodafone	Revised
GP-000890	CR 04.60-A948 rev 1 Change from PSI3bis into PSI3ter for the 3G Information (R99)	Vodafone	Revised
GP-000899	CR 04.60-A948 rev 2 Change from PSI3bis into PSI3ter for the 3G Information (R99)	Vodafone	Approved
GP-000786	CR 04.60-A949 Change for the Introduction of UMTS PLMN Id in the pre-configuration indication set (R99)	Vodafone	Withdrawn
GP-000793	CR 04.60-A950 GSM to 1.28 Mcps TDD interworking (R99)	Siemens	Withdrawn
GP-000556	CR 04.71-A005 rev 2 Modifications of quality information (R98)	Nokia	Approved
GP-000557	CR 04.71-A006 rev 2 Modifications of quality information (R99)	Nokia	Approved
GP-000575	CR 05.02-171 Possible multislot configurations for GPRS (R99)	Ericsson	Revised
GP-000805	CR 05.02-171 rev 1 Possible multislot configurations for GPRS (R99)	Ericsson	Approved
GP-000547	CR 05.02-A167 Correction of NIB behaviour in COMPACT (R99)	Motorola	Revised
GP-000841	CR 05.02-A167 rev 1 Correction of NIB behaviour in COMPACT (R99)	Motorola	Rejected
GP-000570	CR 05.02-A168 Clarification of mapping of PDTCH and PCCCH (R99)	Ericsson	Revised
GP-000803	CR 05.02-A168 rev 1 Clarification of mapping of PDTCH and PCCCH (R99)	Ericsson	Approved
GP-000572	CR 05.02-A169 Editorial corrections (R98)	Ericsson	Approved

Tdoc	Title	Source	Status
GP-000573	CR 05.02-A170 Editorial corrections (R99)	Ericsson	Approved
GP-000540	CR 05.03-A043 Correction of errors in coding schemes	Ericsson	Approved
GP-000541	CR 05.05-A174 NER requirements for EGPRS (R99)	Ericsson	Revised
GP-000845	CR 05.05-A174 rev 1 NER requirements for EGPRS (R99)	Ericsson	Revised
GP-000906	CR 05.05-A174 rev 2 NER requirements for EGPRS (R99)	Ericsson	Approved
GP-000543	CR 05.05-A175 Tolerance of BTS output power levels (R99)	Ericsson	Revised
GP-000853	CR 05.05-A175 rev 1 Tolerance of BTS output power levels (R99)	Ericsson	Approved
GP-000671	CR 05.05-A177 Alignment of AM suppression requirements for PCS 1900 MS (R99)	Ericsson	Approved
GP-000672	CR 05.05-A178 Testing of Blocking requirements for MXM 1900 BSS (R99)	Ericsson	Revised
GP-000855	CR 05.05-A178 rev 1 Testing of Blocking requirements for MXM 1900 BSS	Ericsson	Revised
GP-000908	CR 05.05-A178 rev 2 Testing of Blocking requirements for MXM 1900 BSS	Ericsson	Approved
GP-000673	CR 05.05-A179 Testing of Intra BSS intermodulation attenuation requirements for MXM 1900 BSS (R99)	Ericsson	Approved
GP-000808	CR 05.05-A180 Alignment of AM suppression requirement for PCS 1900, MXM 1900, and PCS 1800 BTS	Ericsson	Rejected
GP-000549	CR 05.08-A299 EGPRS Channel Quality Report reporting period (R99)	Motorola	Revised
GP-000843	CR 05.08-A299 rev 1 EGPRS Channel Quality Report reporting period (R99)	Motorola	Approved
GP-000577	CR 05.08-A300 GPRS neighbour cell measurement exceptions (R99)	Ericsson	Approved
GP-000579	CR 05.08-A301 Corrections to Handover and Cell re-selection (R99)	Ericsson	Revised
GP-000801	CR 05.08-A301 rev 1 Corrections to Handover and Cell re-selection (R99)	Ericsson	Revised
GP-000904	CR 05.08-A301 rev 2 Corrections to Handover and Cell re-selection (R99)	Ericsson	Approved
GP-000762	CR 05.08-A302 Corrections to Enhanced Measurement Reporting (R99)	Nokia	Revised

Tdoc	Title	Source	Status
GP-000871	CR 05.08-A302 rev 1 Corrections to Enhanced Measurement Reporting (R99)	Nokia	Approved
GP-000765	CR 05.08-A303 Maximum number of neighbour cell carriers to be monitored by the MS (R99)	Nokia	Revised
GP-000873	CR 05.08-A303 rev 1 Maximum number of neighbour cell carriers to be monitored by the MS (R99)	Nokia	Approved
GP-000847	CR 05.08-A304 Discontinuous transmission (R98)	Alcatel	Revised
GP-000876	CR 05.08-A304 rev 1 Discontinuous transmission (R98)	Alcatel	Approved
GP-000848	CR 05.08-A305 Discontinuous transmission (R99)	Alcatel	Revised
GP-000877	CR 05.08-A305 rev 1 Discontinuous transmission (R99)	Alcatel	Approved
GP-000851	CR 05.08-A306 Measurement requirements for COMPACT MS in the case of multislot allocation (R99)	Nokia	Approved
GP-000650	CR 05.08-A307 GPRS cell reselection with Packet Measurement Order (R99)	Ericsson	Revised
GP-000882	CR 05.08-A307 rev 1 GPRS cell reselection with Packet Measurement Order (R99)	Ericsson	Approved
GP-000857	CR 05.09-A013 Clarification on decision thresholds (R98)	Drafting Group	Revised
GP-000879	CR 05.09-A013 rev 1 Clarification on decision thresholds (R98)	Drafting Group	Approved
GP-000858	CR 05.09-A014 Clarification on decision thresholds (R99)	Drafting Group	Revised
GP-000880	CR 05.09-A014 rev 1 Clarification on decision thresholds (R99)	Drafting Group	Approved
GP-000859	CR 05.09-A015 Alignment of ACS change with Layer 3 signalling (R98)	Drafting Group	Revised
GP-000901	CR 05.09-A015 rev 1 Alignment of ACS change with Layer 3 signalling (R98)	TSG GERAN WG1	Approved
GP-000860	CR 05.09-A016 Alignment of ACS change with Layer 3 signalling (R99)	Drafting Group	Revised
GP-000902	CR 05.09-A016 rev 1 Alignment of ACS change with Layer 3 signalling (R99)	TSG GERAN WG1	Approved
GP-000565	CR 05.10-A062 Corrections to synchronized handover (R96)	Ericsson	Approved
GP-000566	CR 05.10-A063 Corrections to synchronized handover (R97)	Ericsson	Approved
GP-000567	CR 05.10-A064 Corrections to synchronized handover (R98)	Ericsson	Approved
GP-000568	CR 05.10-A065 Corrections to synchronized handover (R99)	Ericsson	Approved

Tdoc	Title	Source	Status
GP-000613	CR 05.10-A066 Reaction time at packet assignment with polling request (R99)	Ericsson, Nokia	Revised
GP-000807	CR 05.10-A066 rev 1 Reaction time at packet assignment with polling request (R99)	Ericsson, Nokia	Revised
GP-000903	CR 05.10-A066 rev 2 Reaction time at packet assignment with polling request (R99)	Ericsson, Nokia	Approved
GP-000717	CR 05.50-A023 Align the Mixed-Mode IMD Test Bandwidth (annex U.2.3) with GSM 05.05 and GSM 11.21	Lucent Technologies	Postponed
GP-000617	CR 08.08-A225 Correction to Source Identification (R99)	Nokia	Approved
GP-000618	CR 08.08-A226 DTM: Addition of Common Id procedure (R99)	Nokia	Approved
GP-000560	CR 08.16-A021 rev 1 Support for Internet Protocol (IP) as a Sub-Network Service Protocol (Rel 4)	Alcatel, ATTWS, Ericsson, Lucent, Motorola, Nokia, Nortel Networks, Siemens	Revised
GP-000816	CR 08.16-A021 rev 2 Support for Internet Protocol (IP) as a Sub-Network Service Protocol (Rel 4)	Alcatel, ATTWS, Ericsson, Lucent, Motorola, Nokia, Nortel Networks, Siemens	Revised
GP-000835	CR 08.16-A021 rev 3 Support for Internet Protocol (IP) as a Sub-Network Service Protocol (Rel 4)	Alcatel, ATTWS, Ericsson, Lucent, Motorola, Nokia, Nortel Networks, Siemens	Approved
GP-000813	CR 08.18-A107 rev 2 Leaky bucket synchronization in BSSGP (R99)	Motorola	Revised
GP-000900	CR 08.18-A107 rev 3 Leaky bucket synchronization in BSSGP (R99)	Motorola	Approved
GP-000561	CR 08.18-A108 Support for Zero Length Unitdata (Rel 4)	Alcatel, ATTWS, Ericsson, Lucent, Motorola, Nokia, Nortel Networks, Siemens	Approved
GP-000745	CR 08.18-A109 Blocking procedure (R99)	Nokia	Revised
GP-000817	CR 08.18-A109 rev 1 Blocking procedures (Rel 4)	Nokia	Postponed
GP-000746	CR 08.18-A110 Flow control procedure (R99)	Nokia	Revised
GP-000818	CR 08.18-A110 rev 1 Flow control procedures (R99)	Nokia	Postponed
GP-000819	CR 08.18-A111 Flow control procedures (R97)	Nokia	Postponed

Tdoc	Title	Source	Status
GP-000820	CR 08.18-A112 Flow control procedures (R98)	Nokia	Postponed
GP-000732	CR 08.58-A055 Correction 2G-3G Handover (R99)	Ericsson	Withdrawn
GP-000747	CR 08.58-A056 New system information messages (R99)	Nokia	Approved
GP-000532	CR 08.71-A005 LCS (R98)	Siemens	Approved
GP-000533	CR 08.71-A006 LCS (R99)	Siemens	Approved
GP-000493	CR 11.10-3-C471 Changes to TC_26_6_4_1	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C472 Correction to TC_26_5_6_3	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C473 PIXIT change to TC_26_8_1_4_3_1	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C474 Addition of Test Case 33.6 to Layer 3 ATS	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C475 PIXIT change to TC_26_6_12_4	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C476 Training sequence code PIXIT changes to TC_26_11_2_1 and TC_26_11_2_2_1	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C477 Addition of Test Case 20.19 to Cell Selection ATS	TSG GERAN WG4	Approved
GP-000493	CR 11.10-3-C478 PIXIT change in test step 'Varlnit_fix_Dual' for test cases 20.20.1, 20.20.2 and 20.11.2.1	TSG GERAN WG4	Approved
GP-000495	CR 11.10-4-A002 Editorial and coding corrections	TSG GERAN WG4	Approved
GP-000514	CR 11.21-A135 Modification of complete conformance, AM suppression	Ericsson	Revised
GP-000864	CR 11.21-A135 rev 1 Modification of complete conformance, AM suppression	Ericsson	Approved
GP-000515	CR 11.21-A136 Relaxation of PDTCH/CS-4 C/I requirements	Ericsson	Approved
GP-000516	CR 11.21-A137 Additions to facilitate test on MXM systems	Ericsson	Revised
GP-000863	CR 11.21-A137 rev 1 Additions to facilitate test on MXM systems	Ericsson	Revised
GP-000866	CR 11.21-A137 rev 2 Additions to facilitate test on MXM systems	Ericsson	Approved
GP-000525	CR 11.21-A138 Change of referenced specification for test site requirements for Radiated Spurious Emissions, Base Station testing (R99)	Motorola	Approved
GP-000706	CR 11.21-A139 BTS output power capability and requirements with 8PSK	Nokia	Revised
GP-000865	CR 11.21-A139 rev 1 BTS output power capability and requirements with 8PSK	Nokia	Approved

Tdoc	Title	Source	Status
GP-000716	CR 11.21-A140 Add IMD Test Method for MXM-850 and MXM-1900 Systems (R99)	Lucent Technologies	Postponed
GP-000632	CR 43.022-001 The SYSTEM INFORMATION TYPE 10 message is the unique message for the Mobile Station to get information in listening mode for the monitoring of the cell-reselection. The presence of the SI 10 provides a improvement in the voice path for the listener. (Rel 4)	SAGEM	Revised
GP-000875	CR 43.022-001 The SYSTEM INFORMATION TYPE 10 message is the unique message for the Mobile Station to get information in listening mode for the monitoring of the cell-reselection. The presence of the SI 10 provides a improvement in the voice path for the listener. (Rel 4)	TSG GERAN WG1	Approved
GP-000630	CR 44.018-030 NOTIFICATION RESPONSE contents: The Group Call Reference and the Service sent within the NOTIFICATION RESPONSE message has to be identical with the received information (Rel 4)	SAGEM	Approved
GP-000633	CR 44.018-031 to reword § 3.4.12: This paragraph concerns MS in dedicated mode or in transmit mode the reading of PCH in group transmit mode is optional (GSM 03.68, v7.0.0 §11.3.1.3.c) (Rel 4)	SAGEM	Revised
GP-000828	CR 44.018-031 rev 1 Mandatory use of SYSTEM INFORMATION TYPE 10 (4.0.0)	SAGEM	Approved
GP-000500	CR 44.018-032 Support of reduced NCH monitoring (Rel 4)	STF139	Approved
GP-000501	CR 44.018-033 Sending of NLN and NLN status (Rel 4)	STF139	Approved
GP-000502	CR 44.018-034 Indication of no VGCS or VBS calls active in a cell (Rel 4)	STF139	Approved
GP-000503	CR 44.018-035 Action in group receive mode on entering new cell (Rel 4)	STF139	Approved
GP-000504	CR 44.018-036 Provision of NLN on SACCH (Rel 4)	STF139	Approved
GP-000505	CR 44.018-037 Support for interworking with 1.28 Mcps TDD cells (Rel 4)	Siemens	Revised
GP-000821	CR 44.018-037 rev 1 Support for interworking with 1.28 Mcps TDD cells (R4)	Siemens	Approved
GP-000521	CR 44.018-038 Clarification of downlink bit (Rel 4)	Siemens	Approved
GP-000538	CR 44.018-039 Correction of send sequence number handling (Rel 4)	Siemens	Approved
GP-000554	CR 44.018-040 Second Part Packet Assignment in IA Rest octet (Rel 4)	Alcatel	Approved
GP-000621	CR 44.018-041 DTM: Packet Notification (Rel 4)	Ericsson	Withdrawn

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GP-000623	CR 44.018-042 DTM: RR interaction with the datalink layer (Rel 4)	Ericsson	Approved
GP-000625	CR 44.018-043 DTM: DTM Reject with wait indication (Rel 4)	Ericsson	Approved
GP-000627	CR 44.018-044 DTM: Corrections to the abnormal cases (Rel 4)	Ericsson	Revised
GP-000788	CR 44.018-044 rev 1 DTM: Corrections to the abnormal cases (R4)	Ericsson	Revised
GP-000796	CR 44.018-044 rev 2 DTM: Corrections to the abnormal cases (R4)	Ericsson	Approved
GP-000629	CR 44.018-045 DTM: RR reallocation during packet access (Rel 4)	Ericsson	Revised
GP-000790	CR 44.018-045 rev 1 DTM: RR reallocation during packet access (R4)	Ericsson	Revised
GP-000798	CR 44.018-045 rev 2 DTM: RR reallocation during packet access (R4)	Ericsson	Approved
GP-000645	CR 44.018-046 Enable several instances of SI18 and SI20 (Rel 4)	Ericsson	Approved
GP-000647	CR 44.018-047 Inclusion of Cell Bar Qualify 2 in the neighbour cell descriptions in SI19 (Rel 4)	Ericsson	Approved
GP-000582	CR 44.018-048 Editorials and corrections to GSM-UTRAN interworking (Rel 4)	Ericsson, Vodafone	Revised
GP-000782	CR 44.018-048 rev 1 Editorials and corrections to GSM-UTRAN interworking (R4)	Vodafone, Ericsson	Revised
GP-000824	CR 44.018-048 rev 2 Editorials and corrections to GSM-UTRAN interworking (R4)	Vodafone, Ericsson	Approved
GP-000689	CR 44.018-049 UTRAN Classmark Change : CSN1 corrections (Rel 4)	Vodafone	Approved
GP-000691	CR 44.018-050 3G Information : change from PSI3bis into PSI3ter (Rel 4) WITHDRAWN	Vodafone	Withdrawn
GP-000695	CR 44.018-051 Providing UE Capability and Security information to the BSC (Rel 4)	Vodafone	Withdrawn
GP-000697	CR 44.018-052 3G Cell Reselection list (Rel 4)	Vodafone	Revised
GP-000839	CR 44.018-052 rev 1 3G Cell Reselection list (R4)	Vodafone	Approved
GP-000700	CR 44.018-053 Handover to UMTS procedure, abnormal cases. MS Behaviour (Rel 4)	Vodafone	Revised
GP-000827	CR 44.018-053 rev 1 Handover to UMTS procedure, abnormal cases. MS Behaviour (R4)	Vodafone	Approved

Tdoc	Title	Source	Status
GP-000702	CR 44.018-054 Indication of availability of UTRAN preconfigurations from the GSM BCCH (Rel 4)	Vodafone	Revised
GP-000778	CR 44.018-054 rev 1 Indication of availability of UTRAN preconfigurations from the GSM BCCH (R4)	Vodafone	Approved
GP-000737	CR 44.018-058 Editorial corrections (Rel 4)	Nokia	Approved
GP-000739	CR 44.018-059 Cipher mode setting in HO command (Rel 4)	Nokia	Approved
GP-000750	CR 44.018-060 DTM: Alignment of the intersystem handover procedure (Rel 4)	Vodafone	Approved
GP-000752	CR 44.018-061: Delivering UMTS frequency information to MSs not supporting CS services (Rel 4)	Vodafone	Withdrawn
GP-000731	CR 44.018-062 RAB pre-configuration changes (R00)	Ericsson	Withdrawn
GP-000756	CR 44.018-063 Deletion of the UE RAB pre-configuration message (Rel 4)	Vodafone	Revised
GP-000780	CR 44.018-063 rev 1 Deletion of the UE RAB pre-configuration message (R4)	Vodafone, Ericsson	Approved
GP-000767	CR 44.018-064 Precision on reduced monitoring	STF139	Revised
GP-000830	CR 44.018-064 rev 1 Precision on reduced monitoring	TSG GERAN WG2	Approved
GP-000772	CR 44.018-065 Multiblock allocation (Rel 4)	Nokia	Rejected
GP-000785	CR 44.018-066 Introduction of UMTS PLMN Id in the pre-configuration indication set (R4)	Vodafone	Withdrawn
GP-000548	CR 45.002-001 Correction of NIB behaviour in COMPACT (Rel 4)	Motorola	Revised
GP-000842	CR 45.002-001 rev 1 Correction of NIB behaviour in COMPACT (Rel 4)	Motorola	Rejected
GP-000571	CR 45.002-002 Clarification of mapping of PDTCH and PCCCH (Rel 4)	Ericsson	Revised
GP-000804	CR 45.002-002 rev 1 Clarification of mapping of PDTCH and PCCCH (Rel 4)	Ericsson	Approved
GP-000574	CR 45.002-003 Editorial corrections (Rel 4)	Ericsson	Approved
GP-000576	CR 45.002-004 Possible multislot configurations for GPRS (Rel 4)	Ericsson	Revised
GP-000806	CR 45.002-004 rev 1 Possible multislot configurations for GPRS (Rel 4)	Ericsson	Approved
GP-000542	CR 45.005-001 NER requirements for EGPRS (Rel 4)	Ericsson	Revised

Tdoc	Title	Source	Status
GP-000846	CR 45.005-001 rev 1 NER requirements for EGPRS (Rel 4)	Ericsson	Revised
GP-000907	CR 45.005-001 rev 2 NER requirements for EGPRS (Rel 4)	Ericsson	Approved
GP-000544	CR 45.005-002 Tolerance of BTS output power levels (Rel 4)	Ericsson	Revised
GP-000854	CR 45.005-002 rev 1 Tolerance of BTS output power levels (Rel 4)	Ericsson	Approved
GP-000674	CR 45.005-003 Alignment of AM suppression requirements for PCS 1900 MS (Rel 4)	Ericsson	Approved
GP-000675	CR 45.005-004 Testing of Blocking requirements for MXM 1900 BSS (Rel 4)	Ericsson	Revised
GP-000856	CR 45.005-004 rev 1 Testing of Blocking requirements for MXM 1900 BSS	Ericsson	Approved
GP-000676	CR 45.005-005 Testing of Intra BSS intermodulation attenuation requirements for MXM 1900 BSS (Rel 4)	Ericsson	Approved
GP-000809	CR 45.005-006 Alignment of AM suppression requirement for PCS 1900, MXM 1900, and PCS 1800 BTS	Ericsson	Rejected
GP-000550	CR 45.008-001 EGPRS Channel Quality Report reporting period (Rel 4)	Motorola	Revised
GP-000844	CR 45.008-001 rev 1 EGPRS Channel Quality Report reporting period (Rel 4)	Motorola	Approved
GP-000578	CR 45.008-002 GPRS neighbour cell measurement exceptions (Rel 4)	Ericsson	Approved
GP-000580	CR 45.008-003 Corrections to Handover and Cell re-selection (Rel 4)	Ericsson	Revised
GP-000802	CR 45.008-003 rev 1 Corrections to Handover and Cell re-selection (Rel 4)	Ericsson	Revised
GP-000905	CR 45.008-003 rev 2 Corrections to Handover and Cell re-selection (Rel 4)	Ericsson	Approved
GP-000651	CR 45.008-004 GPRS cell reselection with Packet Measurement Order (Rel 4)	Ericsson	Revised
GP-000883	CR 45.008-004 rev 1 GPRS cell reselection with Packet Measurement Order (Rel 4)	Ericsson	Approved
GP-000763	CR 45.008-005 Corrections to Enhanced Measurement Reporting (Rel 4)	Nokia	Revised
GP-000872	CR 45.008-005 rev 1 Corrections to Enhanced Measurement Reporting (Rel 4)	Nokia	Approved

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GP-000766	CR 45.008-006 Maximum number of neighbour cell carriers to be monitored by the MS (Rel 4)	Nokia	Revised
GP-000874	CR 45.008-006 rev 1 Maximum number of neighbour cell carriers to be monitored by the MS (Rel 4)	Nokia	Approved
GP-000849	CR 45.008-007 Discontinuous transmission (Rel 4)	Alcatel	Revised
GP-000878	CR 45.008-007 rev 1 Discontinuous transmission (Rel 4)	Alcatel	Approved
GP-000852	CR 45.008-008 Measurement requirements for COMPACT MS in the case of multislots allocation (Rel 4)	Nokia	Approved
GP-000497	CR 48.008-014 Notification response procedure precision" (Rel 4)	STF139	Revised
GP-000837	CR 48.008-014 rev 1 Notification response procedure precision (4.1.1)	STF 139	Approved
GP-000619	CR 48.008-015 DTM: Addition of Common Id procedure (Rel 4)	Nokia	Approved
GP-000489	CR 51.010-1-001 Applicability of 2 new GPRS tests 20.22.8 and 20.22.9	TSG GERAN WG4	Approved
GP-000491	CR 51.010-1-002 PIXIT information for SoLSA	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-003 Test case 31.3.1.4 – Additions to test procedure	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-004 Test case 31.3.1.5 – Additions to test procedure.	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-005 TC 31.4.3.1.2 - Alignment of Expected Sequence with the Test Procedure description	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-006 TC 31.4.3.5 –Corrections of the Method of test according to the core specification GSM 04.84	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-007 Introduction of PCS 1900 into section 23	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-008 Introduction of PCS 1900 into section 26.3	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-009 Introduction of PCS 1900 into section 26.5	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-010 Introduction of PCS 1900 into section 26.6	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-011 Introduction of PCS 1900 into section 26.7	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-012 Introduction of PCS 1900 into section 26.8	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-013 Introduction of PCS 1900 into section 30	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-014 Introduction of PCS 1900 into section 34	TSG GERAN WG4	Approved

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GP-000492	CR 51.010-1-015 Correction for testcase 31.4.3.1.1	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-016 Correction for testcase 31.4.3.1.2	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-017 Correction for testcase 31.4.3.1.3	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-018 Correction for testcase 31.4.3.2	TSG GERAN WG4	Approved
GP-000488	CR 51.010-1-019 Addition of EDGE test cases to the applicability table	TSG GERAN WG4	Approved
GP-000488	CR 51.010-1-021 COMPACT Signal Strength test case	TSG GERAN WG4	Approved
GP-000488	CR 51.010-1-022 COMPACT Cell Selection and Re-selection	TSG GERAN WG4	Approved
GP-000488	CR 51.010-1-023 EDGE Timing advance and absolute delay	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-024 Clause 31.4. Problem with test for call state U0	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-025 Test case 31.4.3.1.3 – Incorrect name for timer T in Test Purpose statement	TSG GERAN WG4	Approved
GP-000487	CR 51.010-1-026 Correction to the numbering of sections and procedures of AMR tests in section 26.16	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-027 Inclusion of PCS1900 in clauses 12, 13 and 14	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-028 Clause 31.4.2.1.2.1. Correction to MPTY Auxiliary states.	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-029 Alignment of the AoC test case with the specification	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-030 26.10.2.1: mismatching value and use of the Extension Indication about the BCCH channel list, and inconsistencies in the measurement report list of ARFCNs	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-031 Introduction of PCS 1900 into section 40	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-032 Introduction of PCS 1900 into sections 1 to 10	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-033 Introduction of PCS 1900 into section 41	TSG GERAN WG4	Approved
GP-000490	CR 51.010-1-034 Introduction of PCS 1900 into section 42	TSG GERAN WG4	Approved
GP-000491	CR 51.010-1-035 Introduction of new cell selection and reselection test cases for SoLSA	TSG GERAN WG4	Approved
GP-000491	CR 51.010-1-036 Replacement of current chapter 26.15	TSG GERAN WG4	Approved
GP-000491	CR 51.010-1-037 Addition of SoLSA test cases to the applicability table	TSG GERAN WG4	Approved

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GP-000489	CR 51.010-1-038 Clarification of GPRS Receive Initial Conditions	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-039 Clarification of GPRS Transmitter Initial Conditions	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-040 Clarification of GPRS Timing advance and absolute delay Conditions	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-041 Correction for testcase 31.4.3.4	TSG GERAN WG4	Approved
GP-000492	CR 51.010-1-042 Correction for testcase 31.4.3.5	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-043 Medium Access Control (MAC) Medium Access Control (MAC) Procedures on PCCCH in idle mode	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-044 Dynamic Allocation in Packet Transfer Mode	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-045 TC's section 41 – Channel combination v) instead of iv) and vii)	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-046 The ARFCN list encoding for DCS in 42.1.2.2.3 cannot use Bit Map 0 format.	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-047 Incorrect References in Specific Message Contents of 41.1.3	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-048 Mis-alignment between the "Test Procedure" and "Expected Sequence" of test case 42.3.1.1.7.	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-049 Test case 42.3.1.1.4 - inconsistencies between "Test Procedure" and "Expected Sequence" along with chronologically errors in "Expected Sequence"	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-050 GPRS Paging tests on CCCH for GPRS service	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-051 TC 41.2.2.4 – Correction of Expected sequence numbering	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-052 TC 41.2.3.1 – Correction of Specific message contents	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-053 TC 41.2.3.2 – Correction of Specific message contents	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-054 TC 41.2.6.1 – Editorial modification of Section numbering	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-055 TBF release	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-056 GPRS Paging tests on PACCH for circuit-switched services	TSG GERAN WG4	Approved

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GP-000489	CR 51.010-1-057 SS Initial Conditions of 41.1	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-058 Incorrect quotations from 0408 leading to unnecessary requirements in 41.1.5.	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-059 41.1.2 Applicability, SS Broadcast Information and Pack Paging Request 1A MI Types	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-060 Incorrect "timeslot allocation" value in 42.1.2.1.6 PSI type 2 message contents	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-061 Correction of GPRS Mobility Management	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-062 Measurement Reports and Cell Change Order Procedures	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-063 TC 41.4.2.1 – Not tested Conformance requirements removed. Corrections in Test purpose, Expected sequence.	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-064 Various Errors and Updates in Section 40	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-065 GPRS SNDTCP Tests	TSG GERAN WG4	Approved
GP-000489	CR 51.010-1-066 GPRS Receive Tests	TSG GERAN WG4	Approved
GP-000494	CR 51.010-3-001 Correction of the release number for User-to-Dispatcher, UUS and FM test cases	TSG GERAN WG4	Approved
GP-000488	CR51.010-1-020 Introduction of 8PSK test equipment measurement uncertainties in Annex 5	TSG GERAN WG4	Approved